



# DASCOM DC-5100 Laminator

## Highlights at a glance:

- Industrial design for demanding environments
- Direct Thermal Transfer in laminating
- USB 2.0 or Ethernet Connectivity standard
- Input by Manual or Printer
- 3 levels of Laminate Security
- Thin Over-laminates, clear or with Holographic
- Laminate Patch 0.6mil, clear or Holographic
- Laminate Patch 1.0mil clear or Holographic
- RFID protection of Laminates

The DC-5100 Laminator is **designed** for fast, efficient performance under the most rigorous conditions in challenging environments. Built to perform, the DC-5100 gives users exceptional laminating speeds, throughput, and workload capability for heavy operation in demanding environments.

An **excellent** value, the DC-5100 offers low operation costs and is well matched to add protection to any printed CR-80 card.

**User** intervention is minimized, and menu settings can be saved via its own Setup Tool.

A **backlit** display means all information can be read easily.

**Equipped** with an Ethernet, with IPv4 support, and USB 2.0 interfaces are standard.

The DC-5100 Laminator can be used as a **stand-alone** or **integrated** with the Dascom DC-7600 Retransfer Printer to print and laminate a complete protected usable Card.

RFID **protected** Laminates - Clear or Holographic

If used with Dascom Holographic laminate, the DC-5100 Laminator can provide three levels of Security -

### Laminate Security Level 1 -

Two dimensional holographic design, Kinetic effects, Micro Text - Ranging from .010 inches in letter height to .008 inches in letter height.

### Laminate Security Level 2 -

Two dimensional holographic OVD security design, Kinetic effects, Micro Text - Ranging from .010 inches in letter height to .008 inches in letter height, Guilloche fine line features, Two Channel (Flip) Image (Available in 90 degree viewable also) Black / White color shift.

### Laminate Security Level 3 -

High-resolution OVD. UV ink (Red, Green or Blue). Color shifting ink (Gold to green). Color shifting foil, Forensic features: Micro taggents and DNA taggents which require readers, QR codes or data matrix codes in either a holographic or printed format, Sequential numbering, Individual bar codes, IR coatings.



### Common Applications :




- Hospitality environments
- Medical
- ID
- Security
- High-loyalty Membership

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# DC-5100

<b>Print Speed</b>	5 ~ 35 mm/s
<b>Lamination Method</b>	Direct Thermal Transfer
<b>Total Laminate Amounts</b>	Yes
<b>Single -Sided</b>	Yes
<b>Dual Sided</b>	Yes
<b>Adjustable Laminate Speed</b>	Yes
<b>Adjustable Laminate positions</b>	Yes
<b>Black Mark</b>	Yes
<b>Consumable</b>	RFID protected Laminate
<b>Consumable Type</b>	Overlay; Patch 0.6mil/1mil
<b>Laminate Temperature</b>	100 ~ 185°C
<b>Laminate Speed</b>	5 ~ 35mm/s
<b>Card Size</b>	ISO CR80-ISO 7810 (53.98 x 85.60mm)
<b>Card Material</b>	PVC
<b>Card Thickness</b>	0.48 ~ 1.1mm
<b>Card Transportation</b>	Single Card
<b>Interfaces</b>	USB 2.0, Ethernet 10/100 Base-TX, IEEE 802.3u
<b>Optional Interfaces</b>	RS-232C x 2 (external connectors)
<b>Security</b>	RFID
<b>Power Supply</b>	Adapter Input: 100 ~ 240v, 50/60Hz AC, Output 24v 10A DC
<b>Power Consumption</b>	96 W
<b>Product Size</b>	8.66x10.63x14.57 (inches WxDxH) 220x270x370 (mm)
<b>Weight</b>	22.25 lbs, 8.3 kg
<b>Operating Temperature</b>	15 ~ 30°C
<b>Operating Humidity</b>	35 ~ 70 %
<b>Storage Temperature</b>	-20 ~ 60°C
<b>Storage Humidity</b>	20 ~ 90%

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